

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
 Data File : BN032586.D
 Acq On : 09 Jul 2024 14:02
 Operator : MA/JU
 Sample : P3127-05
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 VPB196-HYD-20240624

Quant Time: Jul 09 14:49:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 02:39:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

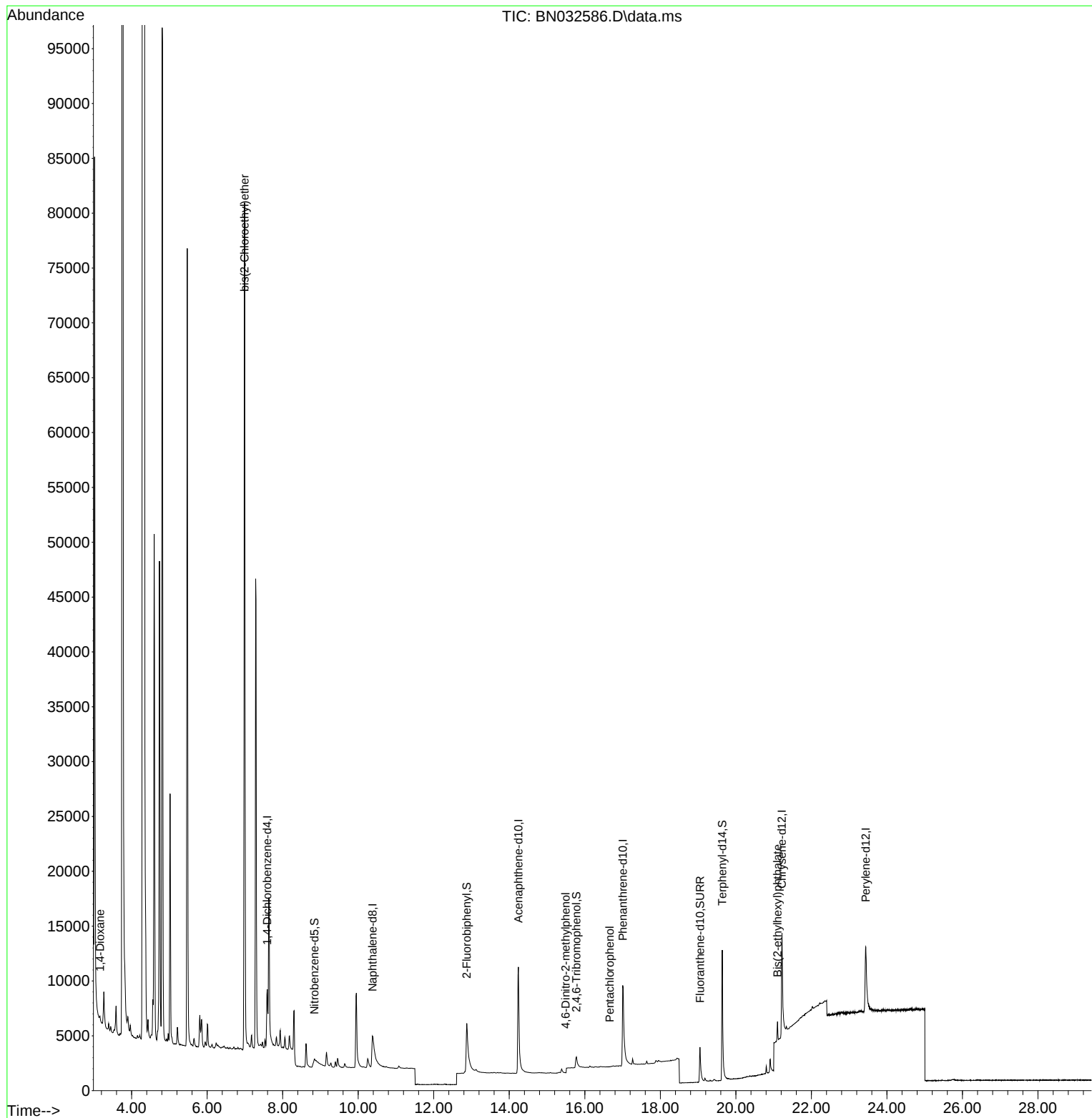
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.588	152	3925	0.400	ng	0.00
7) Naphthalene-d8	10.379	136	11930	0.400	ng	# 0.00
13) Acenaphthene-d10	14.242	164	9453	0.400	ng	0.01
19) Phenanthrene-d10	17.004	188	20430	0.400	ng	# 0.00
29) Chrysene-d12	21.220	240	14772	0.400	ng	0.00
35) Perylene-d12	23.437	264	13113	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.227	112	91	0.009	ng	0.01
5) Phenol-d6	6.808	99	6	0.000	ng	-0.01
8) Nitrobenzene-d5	8.841	82	2229	0.250	ng	0.04
11) 2-Methylnaphthalene-d10	12.005	152	47	0.002	ng	0.02
14) 2,4,6-Tribromophenol	15.775	330	1100	0.257	ng	0.01
15) 2-Fluorobiphenyl	12.874	172	10402	0.299	ng	0.01
27) Fluoranthene-d10	19.049	212	5698	0.107	ng	0.00
31) Terphenyl-d14	19.639	244	17566	0.487	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.161	88	229	0.044	ng	# 64
6) bis(2-Chloroethyl)ether	6.989	93	60343	5.528	ng	# 47
20) 4,6-Dinitro-2-methylph...	15.493	198	4	0.198	ng	# 1
24) Pentachlorophenol	16.656	266	3	0.168	ng	# 18
34) Bis(2-ethylhexyl)phtha...	21.104	149	1816	0.055	ng	# 97

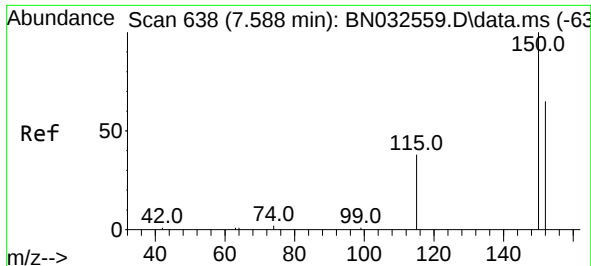
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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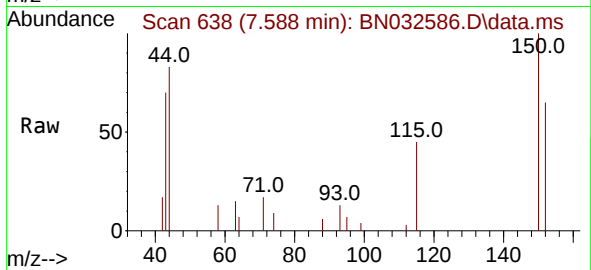
Quant Time: Jul 09 14:49:50 2024
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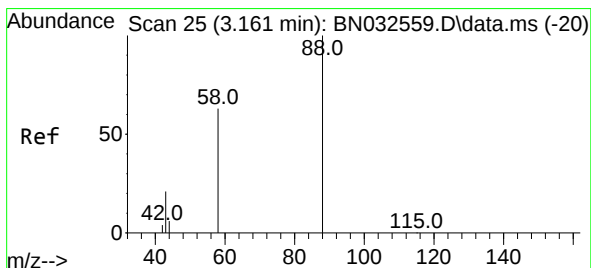
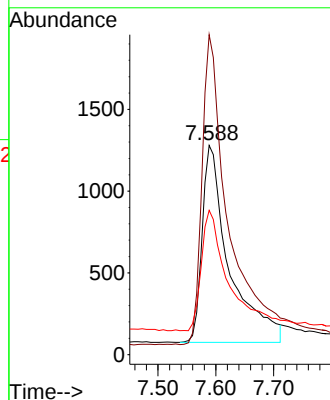
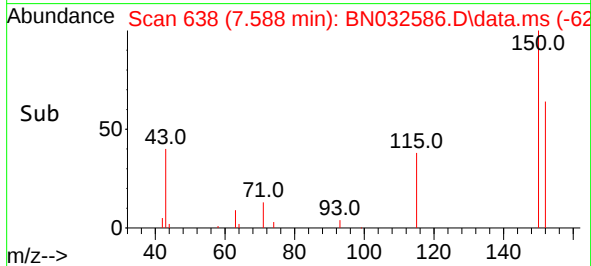


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.588 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN032586.D
Acq: 09 Jul 2024 14:02

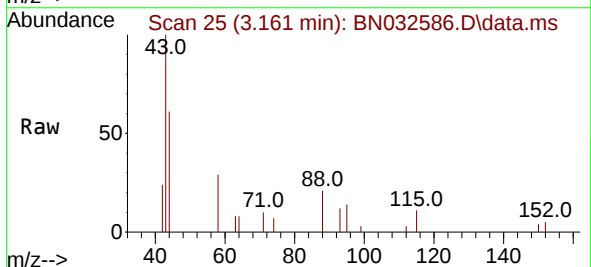
Instrument :
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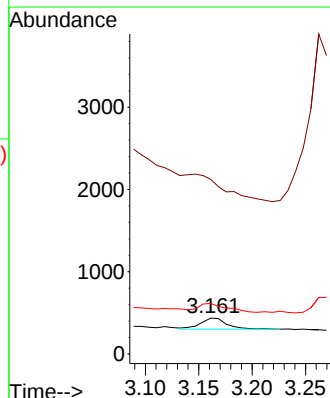
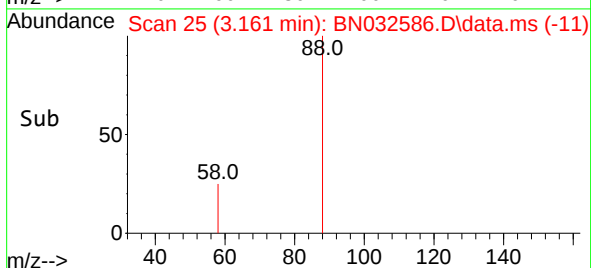
Tgt Ion:152 Resp: 3925
Ion Ratio Lower Upper
152 100
150 152.9 121.6 182.4
115 68.9 53.1 79.7

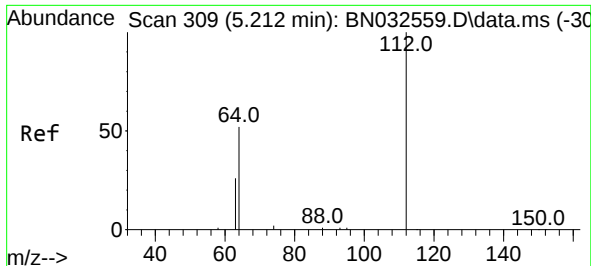


#2
1,4-Dioxane
Concen: 0.044 ng
RT: 3.161 min Scan# 25
Delta R.T. 0.000 min
Lab File: BN032586.D
Acq: 09 Jul 2024 14:02



Tgt Ion: 88 Resp: 229
Ion Ratio Lower Upper
88 100
43 0.0 20.4 30.6#
58 87.3 51.0 76.6#





#4

2-Fluorophenol

Concen: 0.009 ng

RT: 5.227 min Scan# 311

Delta R.T. 0.015 min

Lab File: BN032586.D

Acq: 09 Jul 2024 14:02

Instrument :

BNA_N

ClientSampleId :

VPB196-HYD-20240624

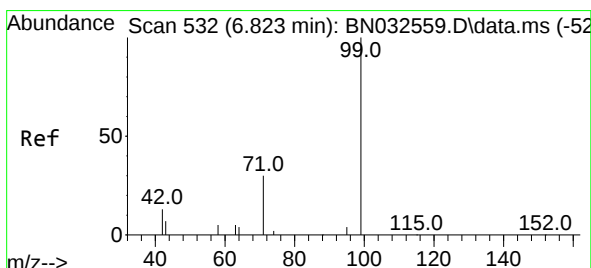
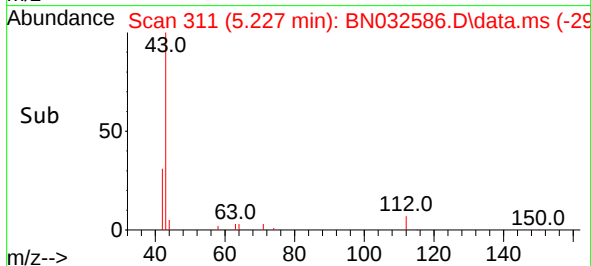
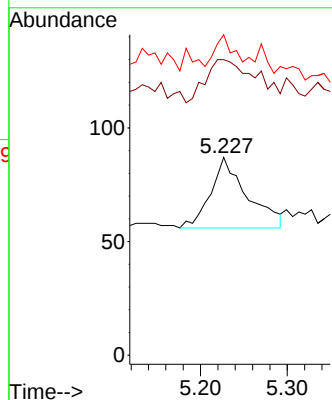
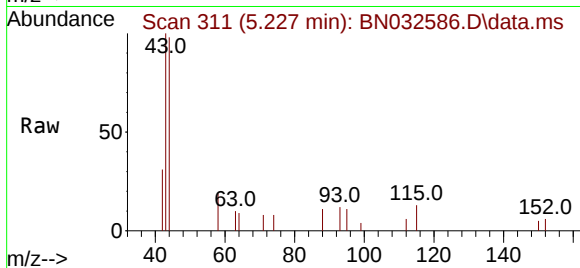
Tgt Ion:112 Resp: 91

Ion Ratio Lower Upper

112 100

64 83.5 41.2 61.8#

63 27.5 21.6 32.4



#5

Phenol-d6

Concen: 0.000 ng

RT: 6.808 min Scan# 530

Delta R.T. -0.014 min

Lab File: BN032586.D

Acq: 09 Jul 2024 14:02

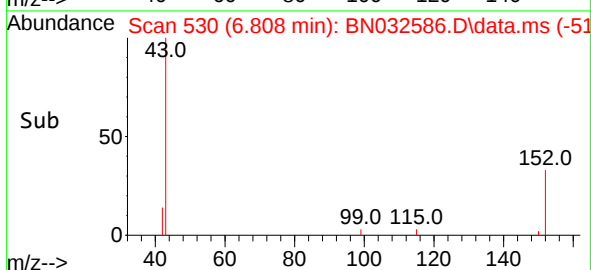
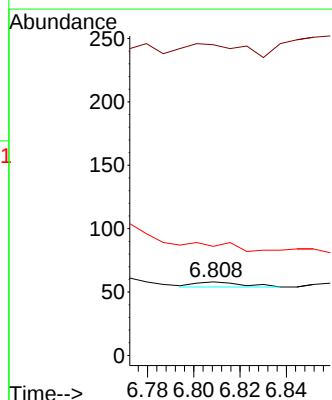
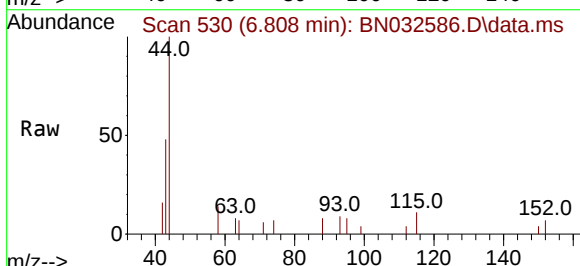
Tgt Ion: 99 Resp: 6

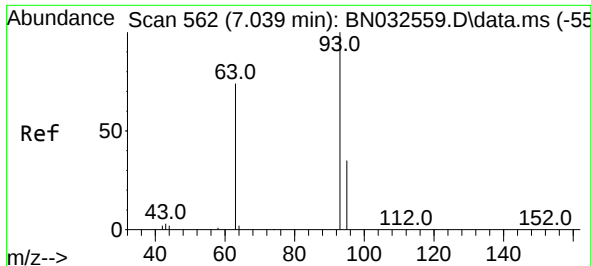
Ion Ratio Lower Upper

99 100

42 0.0 10.6 16.0#

71 0.0 25.2 37.8#

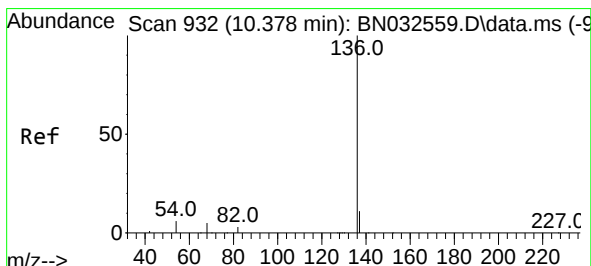
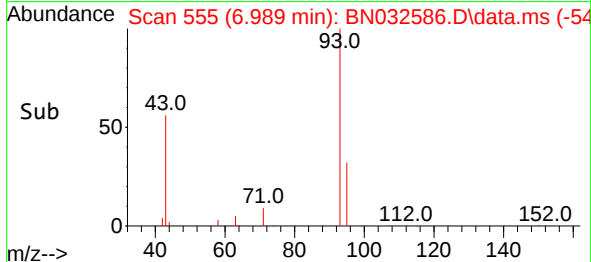
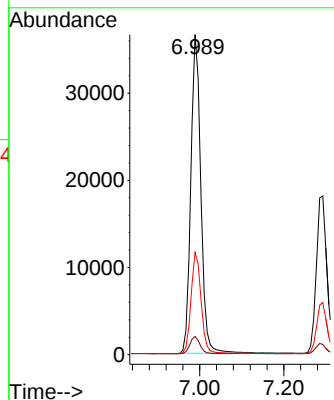
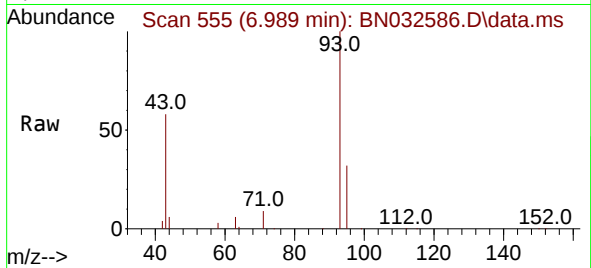




#6
bis(2-Chloroethyl)ether
Concen: 5.528 ng
RT: 6.989 min Scan# 511
Delta R.T. -0.050 min
Lab File: BN032586.D
Acq: 09 Jul 2024 14:02

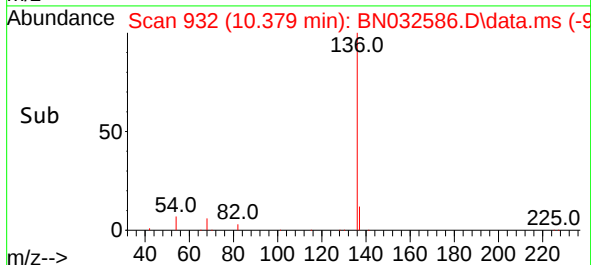
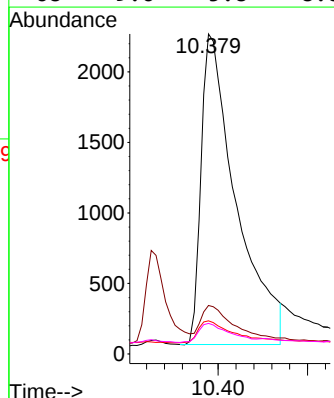
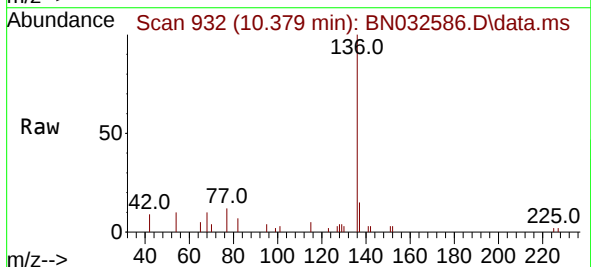
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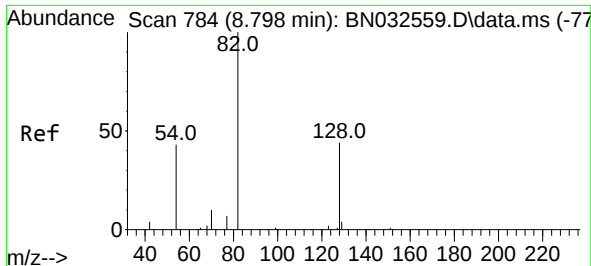
Tgt Ion: 93 Resp: 60343
Ion Ratio Lower Upper
93 100
63 5.4 54.1 81.1#
95 31.8 30.5 45.7



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.379 min Scan# 932
Delta R.T. 0.001 min
Lab File: BN032586.D
Acq: 09 Jul 2024 14:02

Tgt Ion:136 Resp: 11930
Ion Ratio Lower Upper
136 100
137 15.2 10.0 15.0#
54 10.4 6.6 9.8#
68 9.6 5.8 8.8#

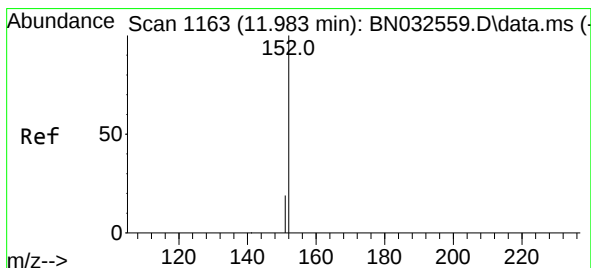
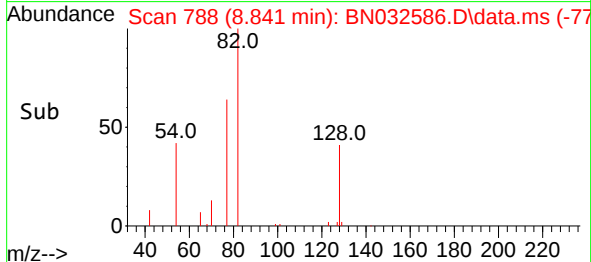
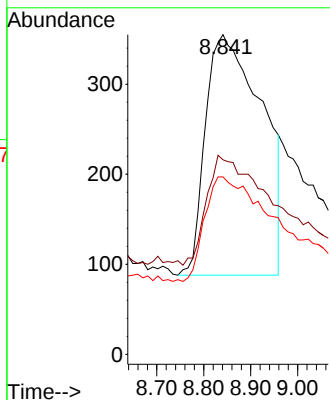
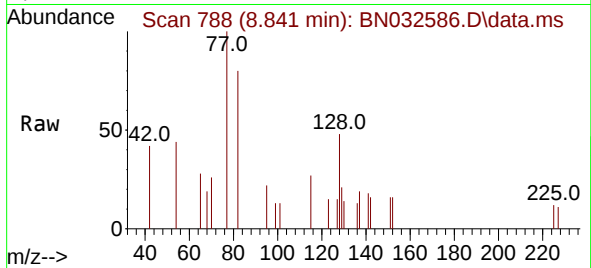




#8
Nitrobenzene-d5
Concen: 0.250 ng
RT: 8.841 min Scan# 71
Delta R.T. 0.043 min
Lab File: BN032586.D
Acq: 09 Jul 2024 14:02

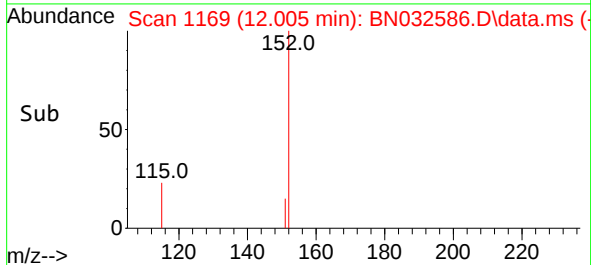
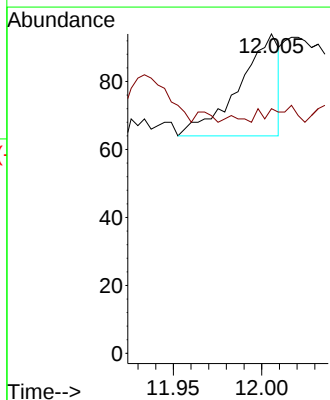
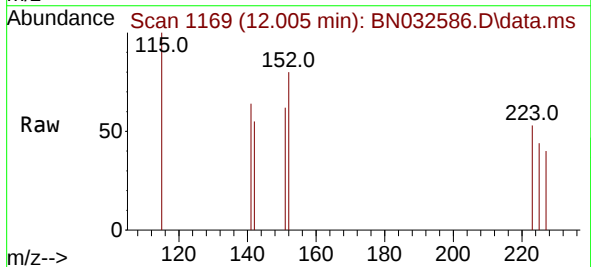
Instrument :
BNA_N
ClientSampleId :
VPB196-HYD-20240624

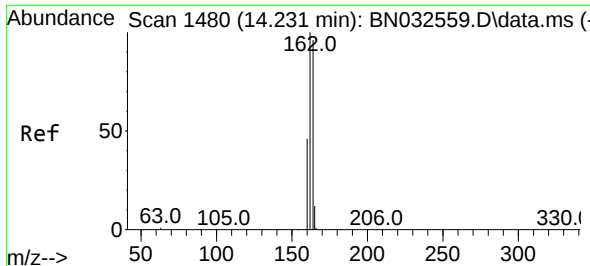
Tgt Ion: 82 Resp: 2229
Ion Ratio Lower Upper
82 100
128 60.8 43.4 65.2
54 55.5 40.2 60.2



#11
2-Methylnaphthalene-d10
Concen: 0.002 ng
RT: 12.005 min Scan# 1169
Delta R.T. 0.023 min
Lab File: BN032586.D
Acq: 09 Jul 2024 14:02

Tgt Ion: 152 Resp: 47
Ion Ratio Lower Upper
152 100
151 12.8 16.4 24.6#

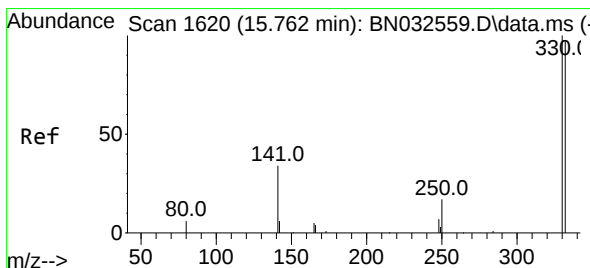
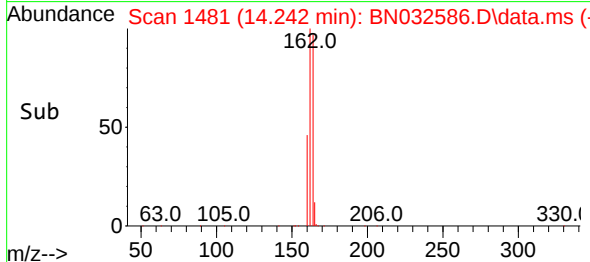
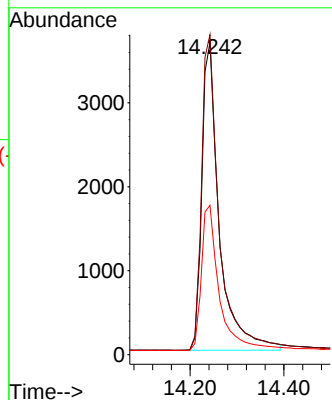
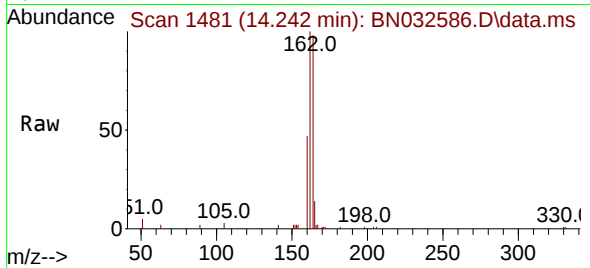




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.242 min Scan# 1480
Delta R.T. 0.011 min
Lab File: BN032586.D
Acq: 09 Jul 2024 14:02

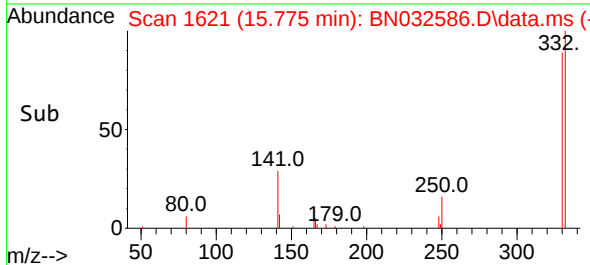
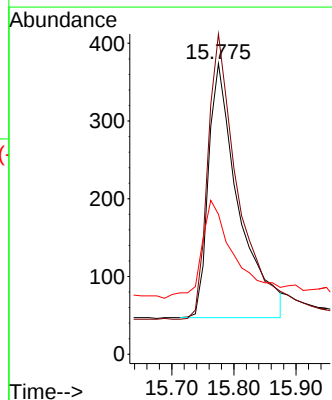
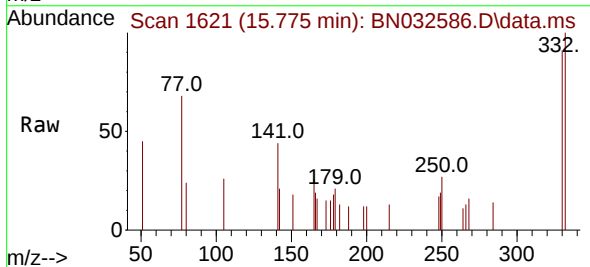
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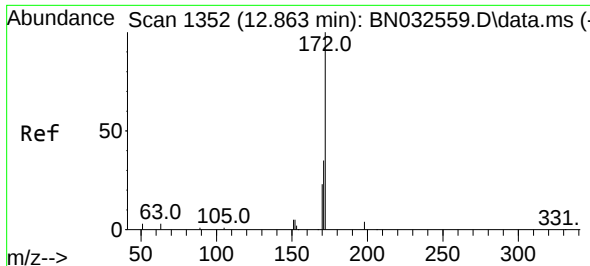
Tgt Ion:164 Resp: 9453
Ion Ratio Lower Upper
164 100
162 102.5 83.2 124.8
160 47.8 38.6 57.8



#14
2,4,6-Tribromophenol
Concen: 0.257 ng
RT: 15.775 min Scan# 1621
Delta R.T. 0.013 min
Lab File: BN032586.D
Acq: 09 Jul 2024 14:02

Tgt Ion:330 Resp: 1100
Ion Ratio Lower Upper
330 100
332 113.1 77.7 116.5
141 37.0 31.8 47.8

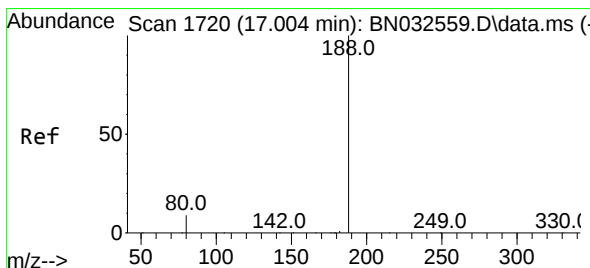
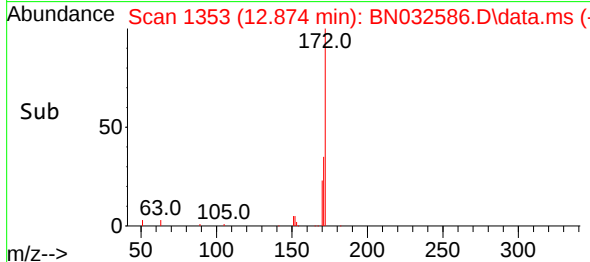
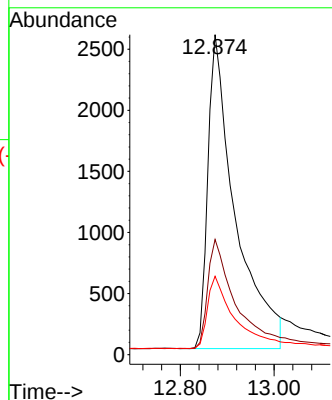
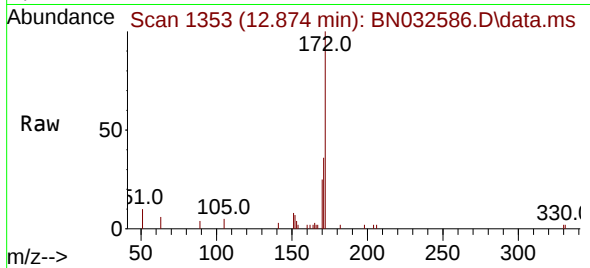




#15
2-Fluorobiphenyl
Concen: 0.299 ng
RT: 12.874 min Scan# 1353
Delta R.T. 0.011 min
Lab File: BN032586.D
Acq: 09 Jul 2024 14:02

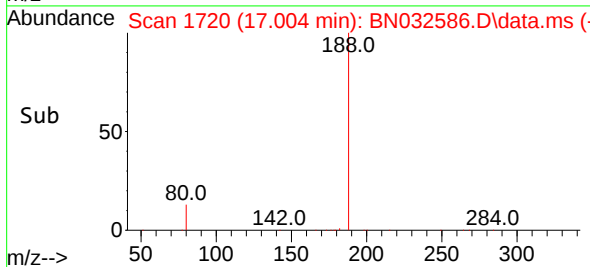
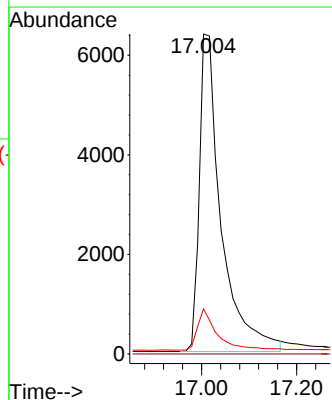
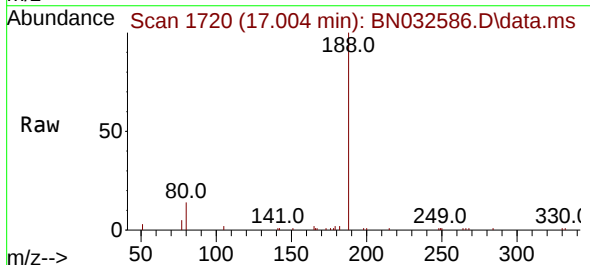
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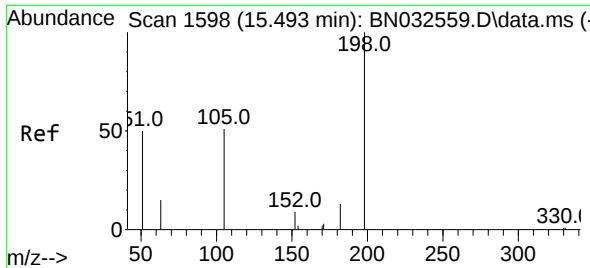
Tgt Ion:172 Resp: 10402
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 24.5 19.2 28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.004 min Scan# 1720
Delta R.T. 0.000 min
Lab File: BN032586.D
Acq: 09 Jul 2024 14:02

Tgt Ion:188 Resp: 20430
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.1 7.8 11.6#

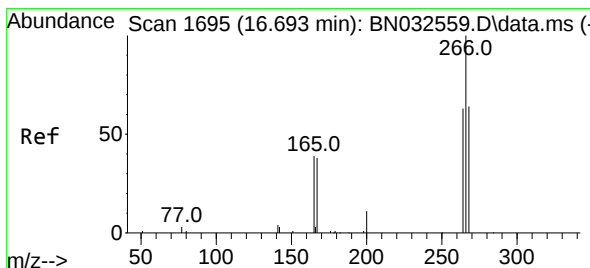
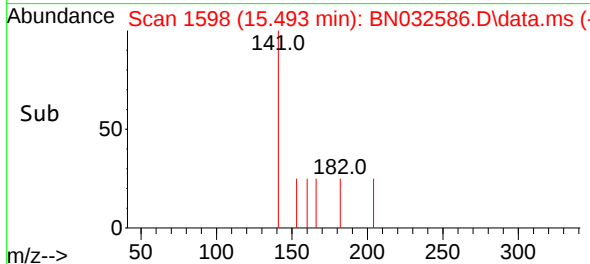
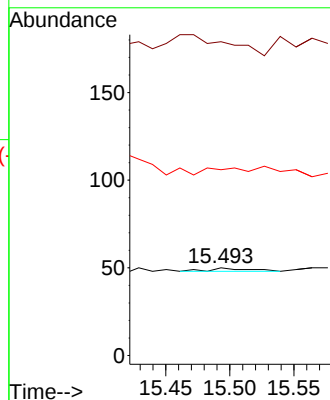
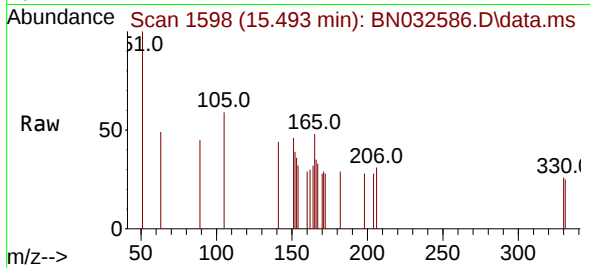




#20
4,6-Dinitro-2-methylphenol
Concen: 0.198 ng
RT: 15.493 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN032586.D
Acq: 09 Jul 2024 14:02

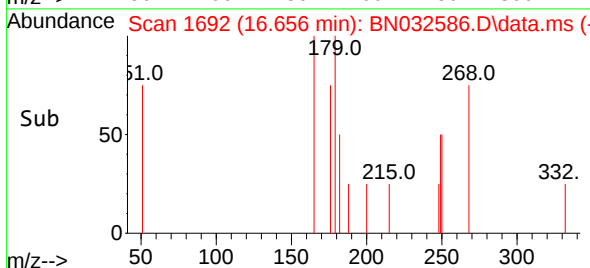
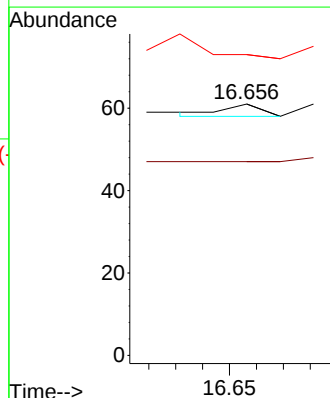
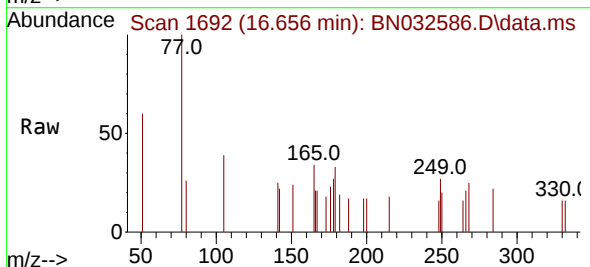
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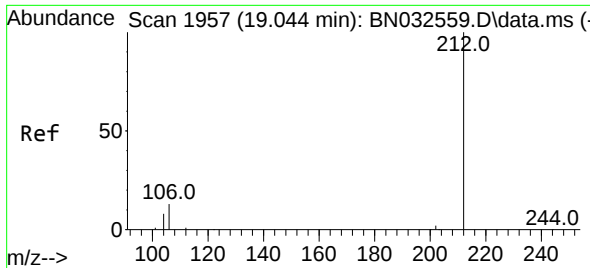
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 358.0 123.4 185.2#
105 212.0 79.5 119.3#



#24
Pentachlorophenol
Concen: 0.168 ng
RT: 16.656 min Scan# 1692
Delta R.T. -0.037 min
Lab File: BN032586.D
Acq: 09 Jul 2024 14:02

Tgt Ion:266 Resp: 3
Ion Ratio Lower Upper
266 100
264 0.0 49.6 74.4#
268 0.0 52.2 78.2#

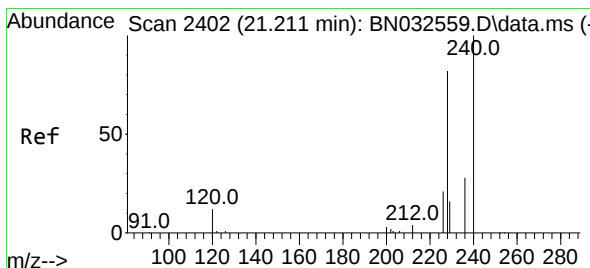
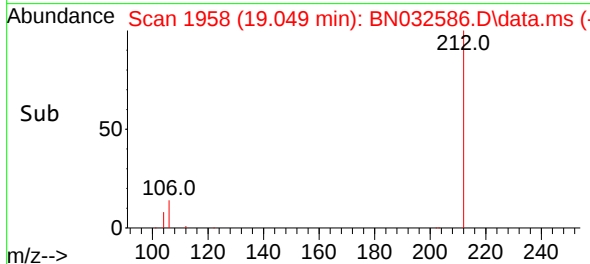
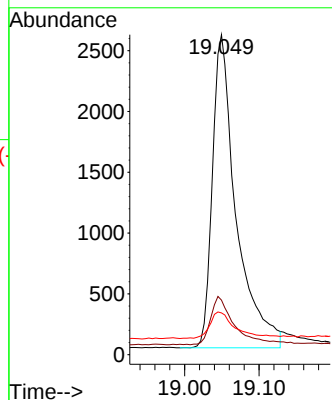
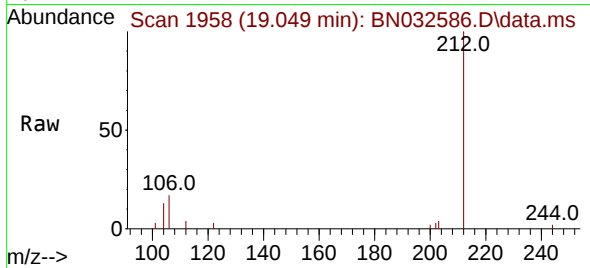




#27
Fluoranthene-d10
Concen: 0.107 ng
RT: 19.049 min Scan# 1957
Delta R.T. 0.005 min
Lab File: BN032586.D
Acq: 09 Jul 2024 14:02

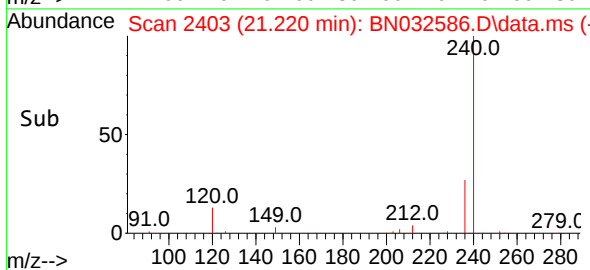
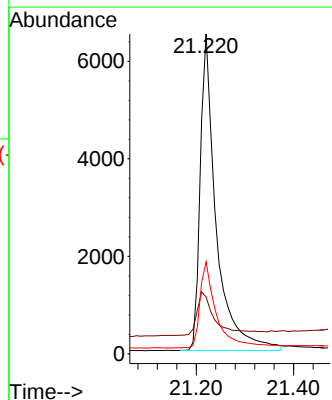
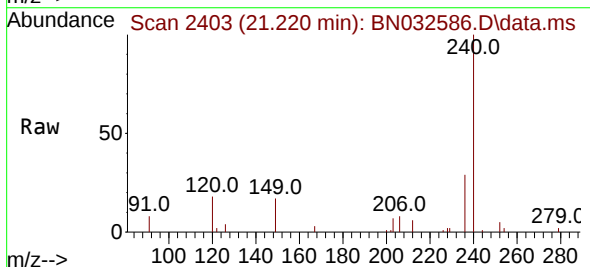
Instrument :
BNA_N
ClientSampleId :
VPB196-HYD-20240624

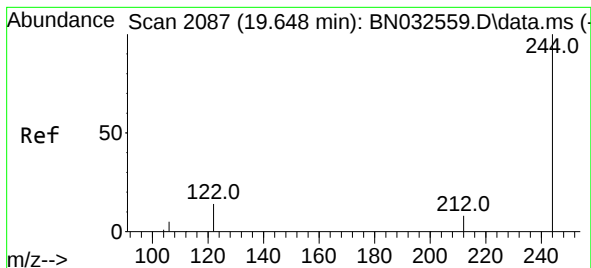
Tgt Ion:212 Resp: 5698
Ion Ratio Lower Upper
212 100
106 15.3 11.8 17.8
104 9.3 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.220 min Scan# 2403
Delta R.T. 0.009 min
Lab File: BN032586.D
Acq: 09 Jul 2024 14:02

Tgt Ion:240 Resp: 14772
Ion Ratio Lower Upper
240 100
120 17.8 13.0 19.4
236 28.8 23.1 34.7





#31

Terphenyl-d14

Concen: 0.487 ng

RT: 19.639 min Scan# 2085

Delta R.T. -0.009 min

Lab File: BN032586.D

Acq: 09 Jul 2024 14:02

Instrument :

BNA_N

ClientSampleId :

VPB196-HYD-20240624

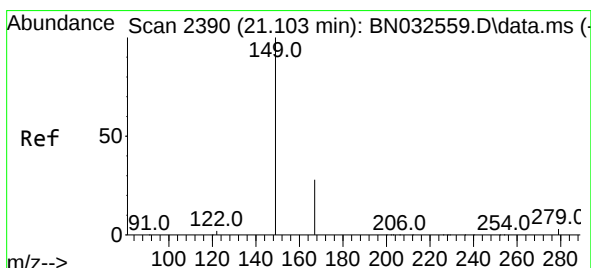
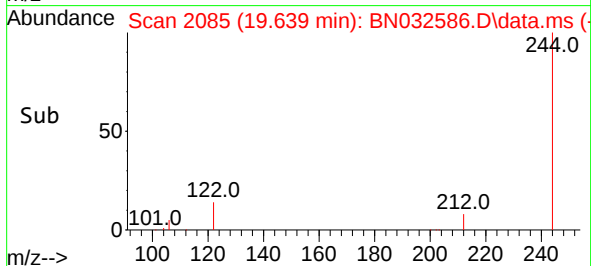
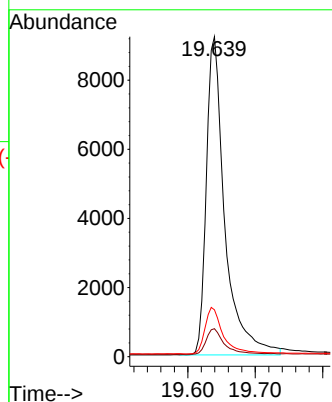
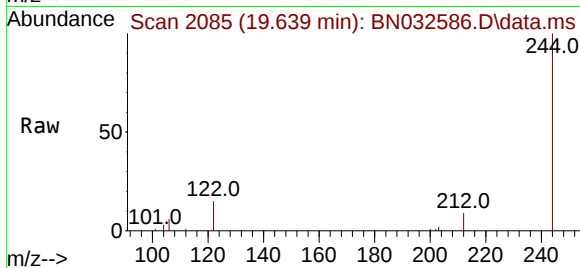
Tgt Ion:244 Resp: 17566

Ion Ratio Lower Upper

244 100

212 8.7 7.2 10.8

122 14.6 12.1 18.1



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.055 ng

RT: 21.104 min Scan# 2390

Delta R.T. 0.000 min

Lab File: BN032586.D

Acq: 09 Jul 2024 14:02

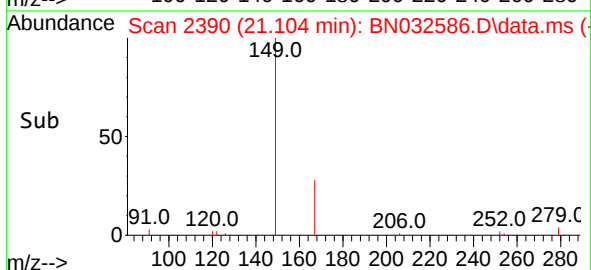
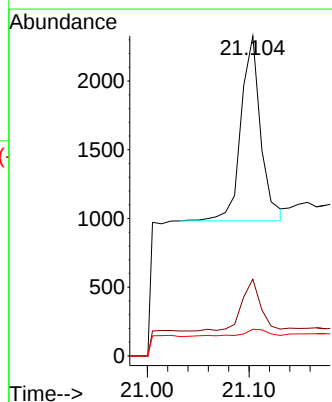
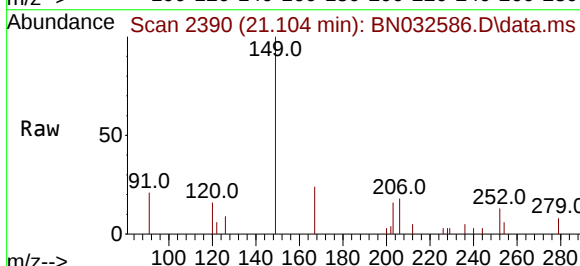
Tgt Ion:149 Resp: 1816

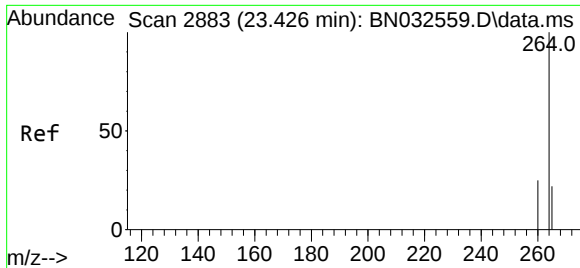
Ion Ratio Lower Upper

149 100

167 28.3 21.6 32.4

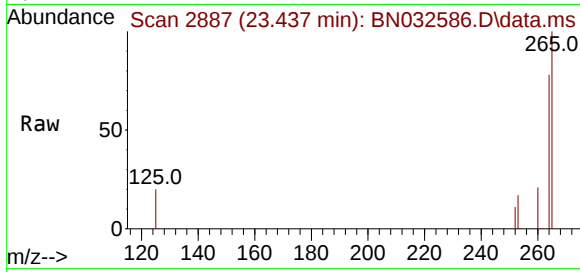
279 5.5 3.0 4.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.437 min Scan# 21
Delta R.T. 0.012 min
Lab File: BN032586.D
Acq: 09 Jul 2024 14:02

Instrument :
BNA_N
ClientSampleId :
VPB196-HYD-20240624



Tgt Ion:264 Resp: 13113

Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.0	31.6
265	128.2	76.6	115.0

#

